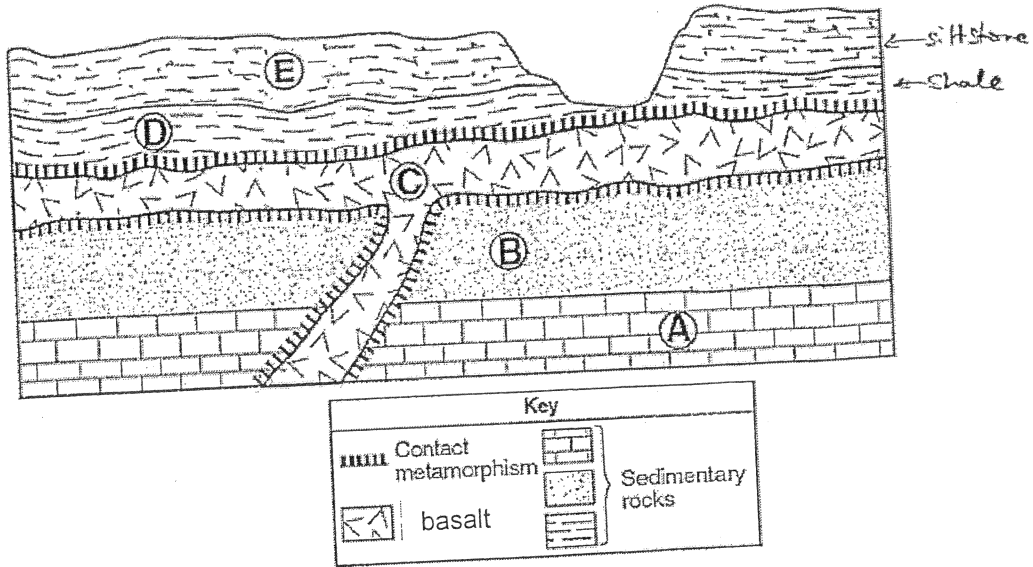
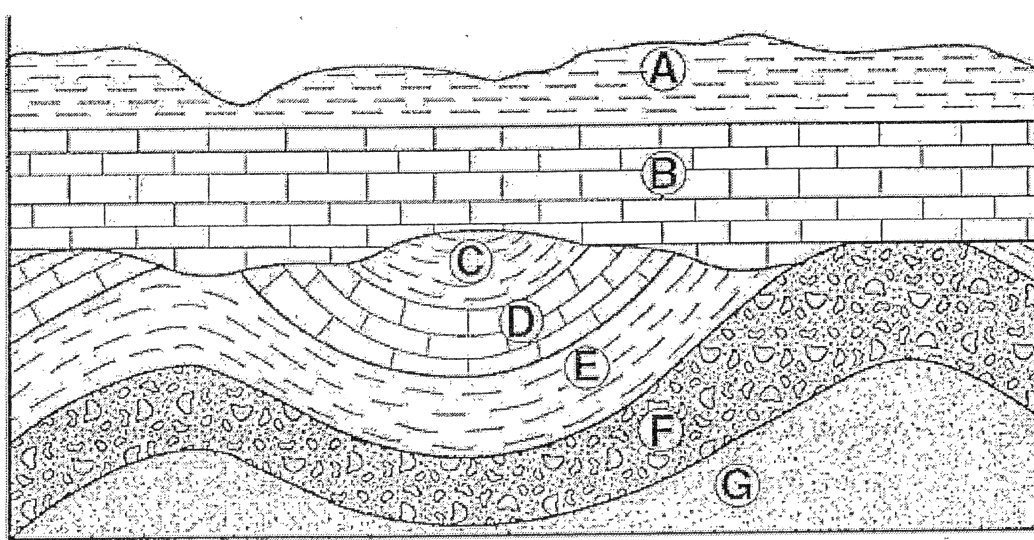


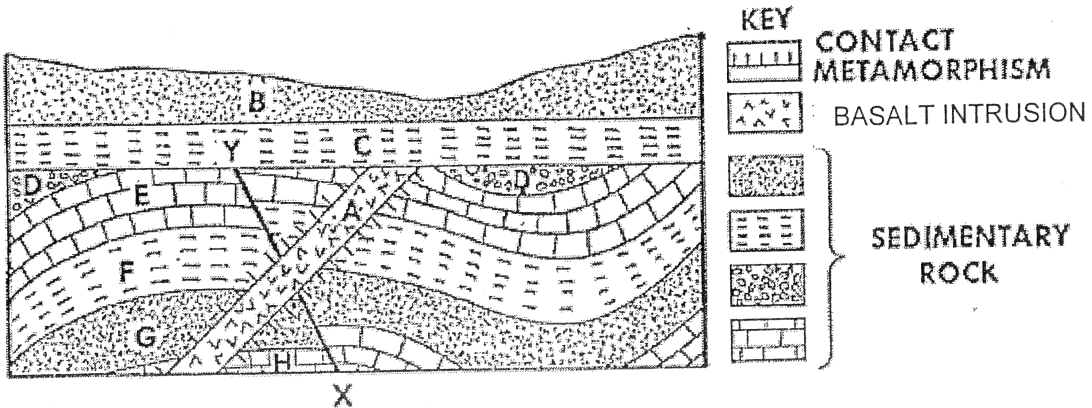
CROSS SECTION #1



CROSS SECTION #2:



Cross Section #3



Report Sheet

Sequence #1

Order of Events	Description of Event AND layer(s) influenced
9	
8	
7	
6	
5	
4	
3	
2	
1	

Sequence #2

Order of Events	Description of Event AND layer(s) influenced
12	
11	
10	
9	
8	
7	
6	
5	
4	
3	
2	
1	

Sequence #3

Order of Events	Description of Event AND layer(s) influenced
14	
13	
12	
11	
10	
9	
8	
7	
6	
5	
4	
3	
2	
1	

Conclusion Questions:

- 1.) Go back into diagrams #1, 2 and 3. Highlight or draw a thick line to show the locations of the unconformities in each of the three cross sections.

- 2.) State one piece of evidence shown in cross section #1 that indicates that rock unit D is older than igneous intrusion C

- 3.) State one piece of evidence shown in cross section #3 that indicates that igneous intrusion A is older than rock layer C.

- 4.) For cross section #2, use the following information to answer the question.
 - a. The cross section is from NYS
 - b. The age of rock layer C is 310 million years old
 - c. The age of rock layer B is 190 million years old

Which time **periods** are missing from the rock record?

During which geologic time period did this unconformity occur?

- 5.) For cross section #3, Rock layer B is 270 million years old. **Could** this rock be found in NYS? If so, where?

- 6.) Rock layer G in cross section #3 dates to 210 m.y.
 - a. What index fossil could be found in this layer if it was in NYS?

 - b. The only place one could find these fossils in NYS is located where according to pg. 2 and 3 of the reference table?